

What is claimed is:

1. A guide wire installation device for catheter, comprising:

5 a pair of elongated main sections arranged to face each other, each main section including a gripping portion at one side, and a holding portion at the other side thereof arranged to slightly incline relative to the gripping portion, said holding portion having first and second grooves communicating with each other and extending in a direction to cross a longitudinal direction of the main section, said first groove having a size greater than that of
10 the second groove so that when the holding portions abut against each other, a hollow portion is formed by the first grooves, and a receiving hole communicating with the hollow portion is formed by the second grooves,

15 a connecting portion located between the holding portion and the gripping portion and connecting the elongated main sections together, and

means for holding the holding portions to abut against each other formed between the main sections.

20 2. A guide wire installation device according to claim 1, wherein said first groove has a tapering surface extending to the second groove to form a conical shape when the holding portions abut against each other.

25 3. A guide wire installation device according to claim 2, wherein said second groove has step portions with different sizes to form different diameter portions when the holding portions abut against each other, the diameters of the different diameter portions

gradually increasing in a direction away from the first groove.

4. A guide wire installation device according to claim 3, wherein said means for holding the holding portions is an elongated curved member located between the gripping portions to apply outward pressure to the gripping portions, said main sections, elongated curved member and connecting portion being integrally formed together by resin.

5. A guide wire installation device according to claim 1, wherein said main section further includes a third groove between the holding portion and the connecting portion to form a clip for a catheter when the holding portions abut against each other.

6. A guide wire installation device according to claim 5, wherein each main section further includes a protrusion extending from the holding portion to have the first groove therein, said protrusion having a projection extending outwardly therefrom.